





Form PTO-1449 (REV. 8-83)		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket: 2003309-0061 10030634-2		In re Application No. 09/977,368 09/977,358			
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)									
								Applicant: Pieper, et al..	
								Filing Date: October 16, 2001	
U.S. PATENT DOCUMENTS									
Examiner's Initials	U.S. Patent No.	Applicant	Issue Date	Class	Subclass				
	6,459,994	Parekh et al.	October 1, 2002	702	19				
	6,410,692	Stevens	June 25, 2002	530	388.25				
	6,399,317	Weimer	June 4, 2002	435	7.2				
	6,379,665	Frohman et al.	April 30, 2002	424	94.6				
	5,998,222	Weimer	December 7, 1999	436	518				
	5,993,627	Anderson et al.	November 30, 1999	204	456				
	5,670,134	Martin, Jr.	September 23, 1997	424	9.2				
	5,639,440	Martin, Jr.	June 17, 1997	424	9.2				
	5,372,783	Lackie	December 13, 1994	422	68.1				
	4,722,896	Kadish	February 2, 1998	435	68				
	4,427,653	Springer	January 24, 1984	424	85				
U.S. PATENT APPLICATIONS									
Examiner's Initials:	Publication Number:	Applicant:	Publication Date:	Group:	Art Unit:				
	2001/0051380	Stevens	December 13, 2001						
FOREIGN PATENT DOCUMENTS									
Examiner's Initials	Document No.	Country	Date	Translation					
				Yes	No				
	WO 02/39120	PCT	16 May 2002						
	WO 02/22165	PCT	21 March 2002						
	WO 00/33075	PCT	08 June 2000						
	WO 99/39204	PCT	05 August 1999						
OTHER DOCUMENTS									
Examiner's Initials	Citation (Including Author, Title, Date, Pertinent Pages, Etc.)								
	Ahmed, et al., "Direct Integrin α v β 6-ERK Binding: Implications for Tumour Growth", <i>Oncogene</i> , 21: 1370-1380, 2002.								
	Baygents, et al., "Recycling Electrophoretic Separations: Modeling of Isotachophoresis and Isoelectric Focusing", <i>Journal of Chromatography A</i> , 779: 165-183, 1997.								
	Berenschot, et al., "Advanced Sacrificial Poly-Si Technology for Fluidic Systems", <i>J.</i>								

Form PTO-1449 (REV. 8-83)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket: 2003309-0061 10030634-2	In re Application No. 09/977,368 09/977,358
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Pieper, et al. Filing Date: October 16, 2001 Group: 1641	
	<i>Micromech. Microeng.</i> 12: 621-624, 2002.		
	Bunk, et al., "Electrospray Ionization Mass Spectrometry for the Quantitation of Albumin in Human Serum", <i>J. Am. Soc. Mass Spectrom.</i> 8: 1247-1254, 1997.		
	Chen, et al., "High-Efficiency Solid-Phase Capture Using Glass Beads Bonded to Microcentrifuge Tubes: Immunoprecipitation of Proteins from Cell Extracts and Assessment of Ras Activation", <i>Analytical Biochemistry</i> , 302: 298-304, 2002.		
	A Turning Point in Proteome Analysis: Sample Prefractionation via Multicompartment Electrolyzers with Isoelectric Membranes", <i>Electrophoresis</i> , 21: 3639-3648, 2000.		
	Folkersen, et al., "Purification of Pregnancy-Associated Plasma Protein-A by a Two Step Affinity Chromatographic Procedure", <i>Placenta</i> , 2: 11-18, 1981.		
	Griffiths, et al., "Immunoadsorbent Isolation of Pregnancy-Specific β_1 -Glycoprotein from Maternal Serum", <i>Can. J. Biochem. Cell Biol.</i> 61: 130-136, 1983.		
	Guzman, et al., "The Use of Selective Adsorbents in Capillary Electrophoresis-Mass Spectrometry for Analyte Preconcentration and Microreactions: A Powerful Three-Dimensional Tool for Multiple Chemical and Biological Applications", <i>Electrophoresis</i> , 22: 3602-3628, 2001.		
	Hendrickson, et al., "Improved Clean-up Method for the Enkephalins in Plasma Using Immunoaffinity Chromatography", <i>Journal of Chromatography B</i> , 653: 147-154, 1994.		
	Hendrickson, et al., "Enhanced Immunogenicity of Leucine Enkephalin Following Coupling to Anti-Immunoglobulin and Anti-CD3 Antibodies", <i>Journal of Immunological Methods</i> , 172: 165-172, 1994.		
	Herbert, et al., "A Turning Point in Proteome Analysis: Sample Prefractionation via Multicompartment Electrolyzers with Isoelectric Membranes", <i>Electrophoresis</i> , 21: 3639-3648, 2000.		
	Hiney, et al., "Gonadotropin-Releasing Hormone Neurons in the Preoptic-Hypothalamic Region of the Rat Contain Lamprey Gonadotropin-Releasing Hormone III, Mammalian Luteinizing Hormone-Releasing Hormone, or Both Peptides", <i>PNAS</i> , 99(4): 2386-2391, 2002.		
	Jensen, et al., "Identification and Removal of Polymer- and Aggregate-Forming Proteins in Human Plasma Albumin Preparations", <i>Vox Sang</i> , 67: 125-131, 1994.		
Kubo, et al., "Capillary Zone Electrophoresis of Albumin-Depleted Human Serum Using a Linear Polyacrylamide-Coated Capillary: Separation of Serum α - and β -Globulins into Individual Components", <i>Electrophoresis</i> , 21: 396-402, 2000.			
Lollo, et al., "Improved Two-Dimensional Gel Electrophoresis Representation of Serum Proteins by Using ProtoClear", <i>Electrophoresis</i> , 20: 854-859, 1999.			
Mayer, et al., "Semi-Micro Solid-Phase Extraction of Organic Compounds from Aqueous and Biological Samples", <i>Journal of Chromatography A</i> , 773: 189-197, 1997.			
Morrin, et al., "Inhibition of the Adherence of <i>Pseudomonas Aeruginosa</i> to Epithelial Cells by IgG Subclass Antibodies", <i>J. Med. Microbiol.</i> , 39: 459-466, 1993.			


Form PTO-1449 (REV. 8-83)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket: 2003309-0061 10030634-2	In re Application No. 09/977,368 09/977,358
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Pieper, et al..	
		Filing Date: October 16, 2001	Group: 1641
	Pan, et al., "A Low-Temperature Wafer Bonding Technique Using Patternable Materials", <i>J. Micromech. Microeng.</i> 12: 611-615, 2002.		
	Panrucker, et al., "Isolation and Purification of Rat Acute-Phase α_2 -Macroglobulin", <i>Biochimica et Biophysica Acta</i> , 705: 174-183, 1982.		
	Pingali, et al., "Peptides as Affinity Surfaces for Protein Purification", <i>Journal of Molecular Recognition</i> , 9: 426-432, 1996.		
	Pitiot, et al., "Protein Adsorption on Histidyl-Aminohexyl-Sepharose 4B, II. Application to the Negative One-Step Affinity Purification of Human β_2 -Microglobulin and Immunoglobulin G", <i>Journal of Chromatography B</i> , 758: 173-182, 2001.		
	Reh, et al., "Quantitative Determination of Albumin in Urine by On-Line Immunoabsorptive Cleanup and Reversed-Phase Chromatography", <i>Analytical Biochemistry</i> , 196: 104-110, 1991.		
	Ronnemaa, et al., "Relation Between Plasma Leptin Levels and Measures of Body Fat in Identical Twins Discordant for Obesity", <i>Ann. Intern. Med.</i> 126: 26-31, 1997.		
	Sand, et al., "Characterization of Human Pregnancy Zone-Protein", <i>The Journal of Biological Chemistry</i> , 260(29): 15723-15735, 1985..		
	Schneider, et al., "A One-Step Purification of Membrane Proteins Using a High Efficiency Immunomatrix", <i>The Journal of Biological Chemistry</i> , 257(18): 10766-10769, 1982.		
	Schreiber, et al., "Removal of Viral Contaminants by Monoclonal Antibody Purification of Plasma Proteins", <i>Curr. Stud Hematol Blood Transfus. Basel, Karger</i> , 56: 146-153, 1989.		
Shimazaki, et al., "Removal of Specific Protein Spots on the Patterns of Non-Denaturing Two-Dimensional Electrophoresis Using Protein A Agarose and Antibodies", <i>J. Biochem. Biophys. Methods</i> , 37: 1-4, 1998.			
Sorensen, et al., "Identification of a Macromolecular Crystal Growth Inhibitor in Human Urine as Osteopontin", <i>Urol. Research</i> , 23: 327-334, 1995.			
Wheatley, et al., "Multiple Ligand Applications in High-Performance Immunoaffinity Chromatography", <i>Journal of Chromatography</i> , 603: 273-278, 1992.			
Zhixin, et al., "Purification of Human Serum Albumin by Dye-Ligand Affinity Chromatography", <i>Dyes and Pigments</i> , 22: 27-45, 1993.			
EXAMINER		DATE CONSIDERED	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			


3654377

Form PTO-1449 (REV. 8-83)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket: 2003309-0061 10030634-2	In re Application No. 09/977,368 09/977,358	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Pieper, et al..		
Filing Date: October 16, 2001		Group: 1641		



U.S. PATENT DOCUMENTS					
Examiner's Initials	U.S. Patent No.	Applicant	Issue Date	Class	Subclass
	6,539,102	Anderson et al.	March 25, 2003	382	128
	6,459,994	Parekh et al.	October 1, 2002	702	19
	6,410,692	Stevens	June 25, 2002	530	388.25
	6,399,317	Weimer	June 4, 2002	436	7.2
	6,379,665	Frohman et al.	April 30, 2002	424	94.6
	5,998,222	Weimer	December 7, 1999	436	518
	5,993,627	Anderson et al.	November 30, 1999	204	456
	5,670,134	Martin, Jr.	September 23, 1997	424	9.2
	5,639,440	Martin, Jr.	June 17, 1997	424	9.2
	5,372,783	Lackie	December 13, 1994	422	68.1
	4,722,896	Kadish	February 2, 1998	435	68
	4,427,653	Springer	January 24, 1984	424	68
U.S. PATENT APPLICATIONS					
Examiner's Initials:	Publication Number:	Applicant:	Publication Date:	Group:	Art Unit:
	2002/0028005	Anderson et al.	March 7, 2002		
	2001/0051380	Stevens	December 13, 2001		
Examiner's Initials:	Serial Number	Applicant	Date	Group:	Art Unit:
	09/660,242	Myers, et al.	September 12, 2000		
FOREIGN PATENT DOCUMENTS					
Examiner's Initials	Document No.	Country	Date	Translation	
				Yes	No
	WO 02/39120	PCT	16 May 2002		
	WO 02/22165	PCT	21 March 2002		
	WO 00/33075	PCT	08 June 2000		
	WO 99/39204	PCT	05 August 1999		
OTHER DOCUMENTS					

Form PTO-1449 (REV. 8-83)		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket: 2003309-0061 10030634-2	In re Application No. 09/977,368 09/977,358
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Applicant: Pieper, et al..	
				Filing Date: October 16, 2001	Group: 1641
Examiner's Initials	Citation (Including Author, Title, Date, Pertinent Pages, Etc.)				
	Ahmed, et al., "Direct Integrin $\alpha\beta 6$ -ERK Binding: Implications for Tumour Growth", <i>Oncogene</i> , 21: 1370-1380, 2002.				
	Baygents, et al., "Recycling Electrophoretic Separations: Modeling of Isotachopheresis and Isoelectric Focusing", <i>Journal of Chromatography A</i> , 779: 165-183, 1997.				
	Berenschot, et al., "Advanced Sacrificial Poly-Si Technology for Fluidic Systems", <i>J. Micromech. Microeng.</i> 12: 621-624, 2002.				
	Bunk, et al., Electrospray Ionization Mass Spectrometry for the Quantitation of Albumin in Human Serum", <i>J. Am. Soc. Mass Spectrom.</i> 8: 1247-1254, 1997.				
	Chen, et al., "High-Efficiency Solid-Phase Capture Using Glass Beads Bonded to Microcentrifuge Tubes: Immunoprecipitation of Proteins from Cell Extracts and Assessment of Ras Activation", <i>Analytical Biochemistry</i> , 302: 298-304, 2002.				
	A Turning Point in Proteome Analysis: Sample Prefractionation via Multicompartment Electrolyzers with Isoelectric Membranes", <i>Electrophoresis</i> , 21: 3639-3648, 2000.				
	Folkersen, et al., "Purification of Pregnancy-Associated Plasma Protein-A by a Two Step Affinity Chromatographic Procedure", <i>Placenta</i> , 2: 11-18, 1981.				
	Griffiths, et al., "Immunoadsorbent Isolation of Pregnancy-Specific β_1 -Glycoprotein from Maternal Serum", <i>Can. J. Biochem. Cell Biol.</i> 61: 130-136, 1983.				
	Guzman, et al., "The Use of Selective Adsorbents in Capillary Electrophoresis-Mass Spectrometry for Analyte Preconcentration and Microreactions: A Powerful Three-Dimensional Tool for Multiple Chemical and Biological Applications", <i>Electrophoresis</i> , 22: 3602-3628, 2001.				
	Hendrickson, et al., "Improved Clean-up Method for the Enkephalins in Plasma Using Immunoaffinity Chromatography", <i>Journal of Chromatography B</i> , 653: 147-154, 1994.				
	Hendrickson, et al., "Enhanced Immunogenicity of Leucine Enkephalin Following Coupling to Anti-Immunoglobulin and Anti-CD3 Antibodies", <i>Journal of Immunological Methods</i> , 172: 165-172, 1994.				
	Herbert, et al., "A Turning Point in Proteome Analysis: Sample Prefractionation via Multicompartment Electrolyzers with Isoelectric Membranes", <i>Electrophoresis</i> , 21: 3639-3648, 2000.				
	Hiney, et al., "Gonadotropin-Releasing Hormone Neurons in the Preoptic-Hypothalamic Region of the Rat Contain Lamprey Gonadotropin-Releasing Hormone III, Mammalian Luteinizing Hormone-Releasing Hormone, or Both Peptides", <i>PNAS</i> , 99(4): 2386-2391, 2002.				
	Jensen, et al., "Identification and Removal of Polymer-and Aggregate-Forming Proteins in Human Plasma Albumin Preparations", <i>Vox Sang.</i> 67: 125-131, 1994.				
	Kubo, et al., Capillary Zone Electrophoresis of Albumin-Depleted Human Serum Using a Linear Polyacrylamide-Coated Capillary: Separation of Serum α - and β -Globulins into				

Form PTO-1449 (REV. 8-83)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket: 2003309-0061 10030634-2	In re Application No. 09/977,368 09/977,358
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Pieper, et al.. Filing Date: October 16, 2001	
		Group: 1641	
	Individual Components", <i>Electrophoresis</i> , 21: 396-402, 2000.		
	Lollo, et al., "Improved Two-Dimensional Gel Electrophoresis Representation of Serum Proteins by Using ProtoClear", <i>Electrophoresis</i> , 20: 854-859, 1999.		
	Mayer, et al., "Semi-Micro Solid-Phase Extraction of Organic Compounds from Aqueous and Biological Samples", <i>Journal of Chromatography A</i> , 773: 189-197, 1997.		
	Morrin, et al., "Inhibition of the Adherence of Pseudomonas Aeruginosa to Epithelial Cells by IgG Subclass Antibodies", <i>J. Med. Microbiol.</i> , 39: 459-466, 1993.		
	Pan, et al., "A Low-Temperature Wafer Bonding Technique Using Patternable Materials", <i>J. Micromech. Microeng.</i> 12: 611-615, 2002.		
	Panrucker, et al., "Isolation and Purification of Rat Acute-Phase α_2 -Macroglobulin", <i>Biochimica et Biophysica Acta</i> , 705: 174-183, 1982.		
	Pingali, et al., "Peptides as Affinity Surfaces for Protein Purification", <i>Journal of Molecular Recognition</i> , 9: 426-432, 1996.		
	Pitiot, et al., "Protein Adsorption on Histidyl-Aminohexyl-Sepharose 4B, II. Application to the Negative One-Step Affinity Purification of Human β_2 -Microglobulin and Immunoglobulin G", <i>Journal of Chromatography B</i> , 758: 173-182, 2001.		
	Reh, et al., "Quantitative Determination of Albumin in Urine by On-Line Immunoabsorptive Cleanup and Reversed-Phase Chromatography", <i>Analytical Biochemistry</i> , 196: 104-110, 1991.		
	Ronnemaa, et al., "Relation Between Plasma Leptin Levels and Measures of Body Fat in Identical Twins Discordant for Obesity", <i>Ann. Intern. Med.</i> 126: 26-31, 1997.		
	Sand, et al., "Characterization of Human Pregnancy Zone-Protein", <i>The Journal of Biological Chemistry</i> , 260(29): 15723-15735, 1985..		
	Schneider, et al., "A One-Step Purification of Membrane Proteins Using a High Efficiency Immunomatrix", <i>The Journal of Biological Chemistry</i> , 257(18): 10766-10769, 1982.		
Schreiber, et al., "Removal of Viral Contaminants by Monoclonal Antibody Purification of Plasma Proteins", <i>Curr. Stud Hematol Blood Transfus. Basel, Karger</i> , 56: 146-153, 1989.			
Shimazaki, et al., "Removal of Specific Protein Spots on the Patterns of Non-Denaturing Two-Dimensional Electrophoresis Using Protein A Agarose and Antibodies", <i>J. Biochem. Biophys. Methods</i> , 37: 1-4, 1998.			
Sorensen, et al., "Identification of a Macromolecular Crystal Growth Inhibitor in Human Urine as Osteopontin", <i>Urol. Research</i> , 23: 327-334, 1995.			
Wheatley, et al., "Multiple Ligand Applications in High-Performance Immunoaffinity Chromatography", <i>Journal of Chromatography</i> , 603: 273-278, 1992.			
Zhixin, et al., "Purification of Human Serum Albumin by Dye-Ligand Affinity Chromatography", <i>Dyes and Pigments</i> , 22: 27-45, 1993.			

Form PTO-1449 (REV. 8-83)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket: 2003309-0061 10030634-2	In re Application No. 09/977,368 09/977,358
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>		Applicant: Pieper, et al..	
EXAMINER /Christopher Chin/		Filing Date: October 16, 2001	Group: 1641
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		DATE CONSIDERED 11/09/2009	



3654377